

Tuesday, September 16, 2025

12:00 PM.....	Disc Golf
12:00 PM.....	Golf
6:00 PM - 7:00 PM.....	Welcome Reception (<i>Sponsored by WSP</i>)
7:00 PM.....	Board of Directors Meeting

Wednesday, September 17, 2025

7:00 AM - 8:00 AM.....	Breakfast (Magnolia Ballroom)
8:00 AM - 8:15 AM.....	Welcome Remarks (Magnolia Ballroom)
8:15 AM - 9:05 AM.....	Introduction to Subsurface Utility Engineering: What SUE Isn't

- Speaker: Joesph Porter & Andrew Sylvest, Lamb-Star Engineering
 - This session provides a foundational overview of Subsurface Utility Engineering (SUE) with a focus on dispelling common misconceptions. Participants will learn what SUE is not—it's not potholing, it's not locating, and it's not a catch-all for utility data. We'll clarify the role of SUE as a professional engineering service, outline the standards (ASCE 38 and 75), and examine how improper application can lead to risk exposure, rework, and project delays. Ideal for engineers, project managers, utility coordinators, and stakeholders aiming to understand the true value of SUE in reducing utility-related risk on infrastructure projects.

9:05 AM - 9:50 AM.....	Before the Hose Hits the Dirt: Building a Culture of SUE Safety
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- Speaker: Michael Kriegel, Colliers Engineering & Design
 - Vacuum excavation is one of the safest methods of exposing buried utilities — but only when backed by the right people, programs, and culture. This presentation explores how engineering firms can take ownership of Subsurface Utility Engineering (SUE) safety by building robust internal systems before fieldwork begins. Attendees will learn how to develop in-house training, standard operating procedures, and team-wide awareness that reinforces safe digging as a non-negotiable standard — not just a compliance checkbox. We'll dive into strategies for onboarding new staff, upskilling experienced crews, and fostering a culture where every team member feels responsible for safety.
 - Key takeaways include:
 - Core elements of an internal SUE safety program
 - Vacuum excavation best practices and risk mitigation
 - Training tools that stick — from onboarding to ongoing certification
 - How to create buy-in across departments, from leadership to the field
 - Steps to turn safety from a policy into a shared mindset

Because safe digging doesn't start with the equipment — it starts with the people behind it.

9:50 AM - 10:20 AM.....	Time with Exhibitors (Elm 1 & 2)
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10:20 AM - 11:05 AM.....	Above & Below Ground Digital Twin with Integration of UAV LiDAR/Photogrammetry & Ground Penetrating Radar Subsurface Imaging Array
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- Speaker: Matthew Wolf, Impulse Radar

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Continued.....Full Agenda

Wednesday, September 17, 2025 (continued)

**11:05 AM - 11:50 AM.....Enhancing the Use of SUE in the U.S. Army Corps of Engineers:
A SUE Association Partnership**

- Speaker: Nicholas Zembillas, SUE LLC
 - This presentation will highlight the U.S. Army Corps of Engineers' request for support for better understanding, utilizing, and contracting for Subsurface Utility Engineering (SUE). The training and education, as well as information, the SUE Association has already provided the Corps, as well as discussions on development of an Engineering Manual aligned with the ASCE 38 standard, will be reviewed. The Corps has expressed challenges in understanding how to request SUE services and in evaluating what is being delivered and the association is working to help advance the application of SUE into Corps' projects.

11:50 AM - 1:00PM.....Lunch

1:15 PM - 2:30 PM.....Mock Project/Scoping Language Review

- Speakers: Mark Amirault, Foundation Risk Partners & Rhett Sloan, The Lexis Group
 - Creating an effective scope of work for Subsurface Utility Engineering (SUE) can be challenging due to the many variables that influence project execution—ranging from unpredictable site conditions and limited existing utility records to geophysical constraints. This session will explore essential factors to consider when developing a comprehensive scope or proposal, with a focus on identifying potential liabilities and how to mitigate them. We'll also examine common assumptions and disclaimers frequently included in SUE proposals, evaluate their effectiveness, and discuss the limitations and legal exposure such language may carry in real-world applications.

2:30 PM - 3:30 PM.....Time with Exhibitors

3:30 PM - 4:30 PM.....Local Client Panel Discussion

- Speakers: Brandon Dujmic, PA 811; Fernando Mendez, VA 811; Reed Adams, VDOT & Loretta Jeffrey-Idun, PEPCO

4:30 PM - 5:15 PM.....Utilities and Augmented Reality

- Speaker: Kenneth Fronheiser, Keystone Precision Solutions
 - This course offers an overview of using Trimble SiteVision to support Subsurface Utility Engineering (SUE) activities. This session introduces how SiteVision's augmented reality capabilities can be used to visualize underground utilities in real time with geospatial accuracy. Participants will gain an understanding of how to import and use utility data from CAD and GIS to see how SiteVision can enhance field planning, improve safety, and facilitate clearer communication with stakeholders. The presentation will highlight the overall value of integrating SiteVision into SUE workflows, helping users identify potential utility conflicts early and reduce costly errors in the field.

6:00 PM - 8:00 PM.....Dinner

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Taylor Wiseman & Taylor
ENGINEERS | SURVEYORS | SCIENTISTS
SUBSURFACE UTILITY ENGINEERING

Thursday, September 18, 2025

7:00 AM - 8:00 AM.....Breakfast

8:00 AM - 8:45 A.....Redefining Utility Mapping Workflows with Today's Technologies

- Speaker: Marvin Lopez, PointMan by ProStar
 - The underground is the most critical yet overlooked layer of modern infrastructure. Despite the rise of digital twins and smart city initiatives, subsurface utilities remain fragmented, outdated, and often invisible to the very stakeholders who depend on them. This breakout session explores how current technologies, ranging from mobile/cloud platforms and precision GNSS to AI-driven analytics and AR visualization, are redefining what is possible in utility mapping.

Attendees will gain insight into:

- Why subsurface clarity is often the missing piece in future developments.
- How today's open, vendor-agnostic tools are breaking down silos between CAD, GIS, and field workflows.
- Real-world outcomes, such as reductions in utility strikes, cost savings, and faster permitting timelines.
- A vision for predictive, resilient infrastructure planning that integrates existing and emerging technologies.

This session will demonstrate how a new 21st-century utility mapping workflow can help engineers, contractors, municipalities, and utility owners modernize practices—ultimately improving safety, efficiency, and resilience for decades to come

8:45 AM - 9:30 AM.....Legislative Update

- Speakers: John "JB" Byrd, Miller Wenhold Capitol Strategies & John Palatiello, Executive Director, SUE Association
 - Congress and state legislatures pass bills into law and Federal agencies implement policies and regulations that affect SUE firms, their clients, and their projects. Some create business opportunities, while others impose burdensome new government mandates on firms. The SUE Association is the only national association that monitors and provides advocacy on such bills and policies. This session will provide an update and overview of such measures and present the association's activities.

9:30 AM - 10:15 AM.....Mapping the Future: Defining Career Paths in SUE

- Speaker: Korina Padilla, JMT
 - As Subsurface Utility Engineering (SUE) continues to grow as a critical component of infrastructure projects, the need for a well-defined career path within the industry has never been greater. "Mapping the Future: Defining Career Paths in Subsurface Utility Engineering" explores the evolving roles within SUE, highlighting the intersection of surveying, civil engineering, and utility coordination. This session will examine current industry trends, identify key job titles and responsibilities, and propose a structured framework for career progression. Attendees will gain insights into professional development opportunities, strategies for industry recognition, and how standardizing career tracks can strengthen the future of SUE. Whether you are a technician, engineer, or industry leader, this presentation will provide valuable guidance on navigating and advancing within the field of Subsurface Utility Engineering.

10:15AM - 12:00 PM.....Annual Meeting of the Association/Board of Directors Panel Discussion

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